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CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

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25X1A

COUNTRY East Germany

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SUPPLEMENT TO REPORT NO.

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1. As of late January 1953, the infra-red spectrometer was still being developed in pilot model at Zeiss, Jena, by Dr. (fnu) Bolz. It was not expected to be finished until mid-1953. This is the Zeiss bolometer, with a range of 8 to 24 microns, using rock salt prisms. 1/

2. Dr. Bolz and a number of others are responsible to Dr. (fnu) Lucas, the head of the Measuring-Instruments Laboratory (Messlabor) at Zeiss. All laboratories at Zeiss are ultimately responsible to (fnu) Goerlich. 2/ The Sound Laboratory (Schallabor) is run by Prof. (fnu) Schuster. (Fnu) Liebl is responsible for the Planplatten (ultra-sonic testing device).

3. Frequent discussions are being carried on between Zeiss Jena, and the Hescho-Kahla plant. The subject of current interest to the two firms is the negative magnet (Negativmagnet), made with ceramic parts. No application has as yet been found for this magnet. During 1952 there were many discussions between Zeiss and Hescho concerning the flame photometer (Flammenphotometer).

4. There is still no research at Zeiss on military infra-red devices, nor on guidance systems for rockets.

25X1A 1/ [redacted] Comment: The order for the infra-red spectrometer was issued to Zeiss by the East German Ministry for Machine Construction; no Soviet interest in it has so far been noted.

25X1A 2. [redacted] Comment: Probably Dr. Paul Goerlich, head of the Main Scientific Department, Carl Zeiss, Jena.

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